

Semantic MediaWiki Conference

Fall 2014

Approved Revs v1.0

Fine-tuned revision approval

James Montalvo, *NASA Flight Operations*





What is Approved Revs?



- An extension allowing certain users to mark a revision as “approved”

Compare selected revisions

- (cur | prev) ☒ 13:38, 29 April 2014 Mrmurphe (Talk | contribs | block) . . (11,609 bytes) (-26) . . (rollback 3 edits | undo) (approve)
- (cur | prev) ☒ 13:37, 29 April 2014 Mrmurphe (Talk | contribs | block) . . (11,635 bytes) (+253) . . (undo) (approve)
- (cur | prev) ☐ 13:34, 29 April 2014 Mrmurphe (Talk | contribs | block) . . (11,382 bytes) (+202) . . (undo) (approve)
- ★ Approved Revision
(cur | prev) ☐ 09:43, 26 November 2013 Akanelak (Talk | contribs | block) . . (11,180 bytes) (0) . . (undo) (unapprove)
- (cur | prev) ☐ 14:17, 25 November 2013 Ejmontal (Talk | contribs | block) m . . (11,180 bytes) (-24) . . (Reverted edits by Ejmontal (talk) to last revision by Akanelak) (undo) (approve)
- (cur | prev) ☐ 14:15, 25 November 2013 Ejmontal (Talk | contribs | block) . . (11,204 bytes) (+24) . . (undo) (approve)
- (cur | prev) ☐ 14:46, 18 October 2013 Akanelak (Talk | contribs | block) . . (11,180 bytes) (0) . . (undo) (approve)

- The approved revision is shown when people view the page

ISS EVA MAINT 1

This is the approved revision of this page; it is not the most recent. [View the most recent revision.](#)



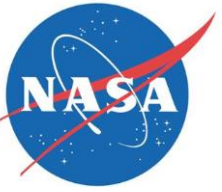
Approved Revs v0.7



- Approved Revs v0.7 allowed user groups to be given the “approverevisions” permission in LocalSettings.php

```
$wgGroupPermissions['sysop']['approverevisions'] = true;  
$wgGroupPermissions['editors']['approverevisions'] = true;
```

- Only these groups have the ability to determine what is the approved revision of a page



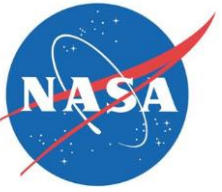
Approved Revs v0.7



- Which pages require approval is set at the namespace level, also in LocalSettings.php

```
$egApprovedRevsNamespaces = array(  
    NS_MAIN, NS_USER, NS_TEMPLATE,  
    NS_HELP, NS_PROJECT  
);
```

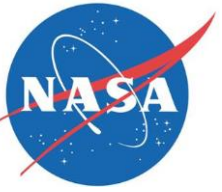
- Individual pages can be made approvable by adding the magic word `__APPROVEDREVS__`



v1.0 Permissions



```
$egApprovedRevsPermissions = array (  
    'Namespace Permissions' => array (  
        NS_MAIN      => array( 'group' => 'sysop' ),  
        NS_USER       => array( 'group' => 'sysop' ),  
        NS_TEMPLATE   => array( 'group' => 'sysop' ),  
        NS_HELP        => array( 'group' => 'sysop' ),  
        NS_PROJECT     => array( 'group' => 'sysop' ),  
    )  
);
```



Basic Permissions



```
$egApprovedRevsPermissions = array (  
    'Namespace Permissions' => array (  
        NS_HELP => array(  
            'group' => 'sysop',  
            'group' => 'Reviewers',  
        ),  
        NS_TEMPLATE => array(  
            'group' => 'sysop'  
        ),  
        NS_BLOG => array(  
            'group' => 'sysop',  
            'creator' => true  
        )  
    )  
)
```

- Specify namespaces requiring revisions
- Specify who can edit those namespaces
- A lot of **duplication** re-writing 'group' => 'sysop'



Simplified with “All Pages”



Approved by
Reviewers and *sysops*

```
$egApprovedRevsPermissions = array (
```

```
  'All Pages' => array ( 'group' => 'sysop' ),
```

```
  'Namespace Permissions' => array (
```

```
    NS_HELP => array( 'group' => 'Reviewers' ),
```

```
    NS_TEMPLATE => array(),
```

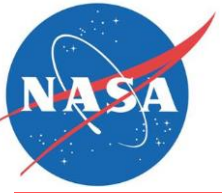
```
    NS_BLOG => array( 'creator' => true )
```

```
)
```

```
);
```

Approved
by *sysops*

Approved by *sysops* and the
user who created the page



The User Namespace

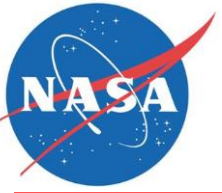


```
$egApprovedRevsPermissions = array (  
    'All Pages' => array ( 'group' => 'sysop' ),  
    'Namespace Permissions' => array (  
        NS_HELP => array( 'group' => 'Reviewers' ),  
        NS_USER => array()  
    )  
);
```

User namespace appears to be only approvable by sysops, but...

The user namespace is **special**. If user pages are approvable then each user is **able to approve their own pages**

- Includes subpages
- `$egApprovedRevsSelfOwnedNamespaces` no longer has any effect



Page Permissions



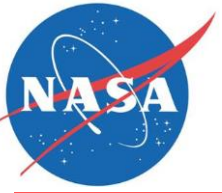
```
$egApprovedRevsPermissions = array (  
    'All Pages' => array( 'group' => 'sysop' ),  
    'Namespace Permissions' => array (  
        NS_HELP => array( 'group' => 'Reviewers' ),  
        NS_TEMPLATE => array(),  
        NS_USER => array()  
    ),  
    'Page Permissions' => array (  
        'Main Page' => array( 'group' => 'Reviewers' ),  
        'Help:Contents' => array( 'user' => 'Joe' )  
    )  
)
```

A diagram illustrating the relationship between the permission arrays and the explanatory boxes. A red circle with a diagonal slash is placed over the 'Namespace Permissions' section of the code. Blue arrows point from the 'All Pages' and 'Main Page' entries in the code to the right box, and from the 'Help:Contents' entry to the left box.

Help:Contents is **only approvable**
by User:Joe and sysops

Main Page is approvable
by Reviewers and sysops

Page permissions override namespace permissions, unless...



Don't Override Permissions



```
$egApprovedRevsPermissions = array (  
    'All Pages' => array( 'group' => 'sysop' ),  
    'Namespace Permissions' => array (  
        NS_HELP => array( 'group' => 'Reviewers' ),  
        NS_TEMPLATE => array(),  
        NS_USER => array()  
    ),  
    'Page Permissions' => array (  
        'Main Page' => array( 'group' => 'Reviewers' ),  
        'Help:Contents' => array(  
            'user' => 'Joe',  
            'override' => false  
        )  
    )  
)
```

If 'override' is set to false, then
Help:Contents is approvable by
User:Joe, *Reviewers* and *sysops*

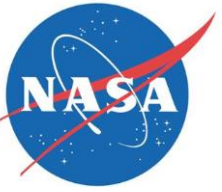


Category Permissions



```
$egApprovedRevsPermissions = array (  
    'All Pages' => array ( 'group' => 'sysop' ),  
    'Namespace Permissions' => array (  
        NS_TEMPLATE => array(),  
        NS_USER => array()  
    ),  
    'Category Permissions' => array (  
        'Approval Required' => array()  
    ),  
    'Page Permissions' => array (  
        'Main Page' => array()  
    )  
);
```

Pages with [[Category:Approval Required]]
are now approvable by sysops



Assigning Permissions by Property



```
$egApprovedRevsPermissions = array (  
  
    'All Pages' => array ( 'group' => 'sysop' ),  
  
    'Namespace Permissions' => array (  
        NS_TEMPLATE => array(),  
        NS_USER => array()  
    ),  
  
    'Category Permissions' => array (  
        'Approval Required' => array( 'property' => 'Is owner' )  
    ),  
  
    'Page Permissions' => array (  
        'Main Page' => array()  
    )  
  
);
```

Adding **[[Is owner::User:Sarah]]**
to an **Approval Required** page
allows *User:Sarah* to approve
that page



Can user add self as approver?



Compare selected revisions

- (cur | prev) ☒ 20:48, 27 June 2014 **4 Vandal** (Talk | contribs | block) . . (3,900 bytes) (rollback 2 edits | undo) (approve)
- (cur | prev) ☐ 20:37, 27 June 2014 **Vandal** (Talk | contribs | block) . . (3,900 bytes) (undo) (approve)
- (cur | prev) ☐ 20:36, 27 June 2014 **Darenwelsh** (Talk | contribs | block) . . (3,900 bytes) (undo) (approve)
- ☒ **★ Approved Revision**
- (cur | prev) ☐ 20:35, 27 June 2014 **Jamesmontalvo3** (Talk | contribs | block) . . (3,900 bytes) (undo) (approve)
- (cur | prev) ☐ 20:33, 27 June 2014 **Jamesmontalvo3** (Talk | contribs | block) . . (3,900 bytes) (undo) (approve)

Editing Rome

Please note that you are now editing the latest revision of this page, which



[[Is owner::User:Vandal]]

'''Rome''' is a city and special '''[[comune]]''' (named "Roma Capitale") and also of the [[Province of Rome]] and of the [[Lazio]]. With 2.9 million residents in {{convert|1285.3|km|mi}} country's largest and most populated '''comune''' and [[Largest city population within city limits|fourth-most populous city]] in the city limits. The urban area of Rome extends beyond the administrative limits of around 3.8 million.<ref name=World_Urban_Areas>[http://www.demographia.com/worldurbanareas/], March 2013</ref> Between 3.2 and 3.8 million metropolitan area.<ref>[[Eurostat]], [http://epp.eurostat.ec.europa.eu/]

Example: *User:Vandal* goes to the “Rome” page and adds:

[[Is owner::User:Vandal]]

Question: Can *User:Vandal* approve the page?

Answer: No*

* provided there is already an approved revision.

Same for categories



Create Templates!



ISS EVA MAINT 1

This is the approved revision of this page; it is not the most recent. [View the most recent revision.](#)



Revision controlled page: You may edit this page, but only certain users can approve changes to be viewed by all. See [Special:ApprovedRevs](#) for lists of approved and approvable pages. This page can be approved by:

- People in group(s): Manager, sysop
- James Montalvo, Daren Welsh

This is a run for crewmembers in the ISS EVA Task Maintenance flow. The focus of this run is [PFCS R&R](#), [ETVCG R&R](#) and [RPCM](#) retrieval from a [CTC](#).

Contents [\[hide\]](#)

- 1 Objectives
- 2 Briefing of Crew Expectations for Every Maint Run
 - 2.1 Prior to NBL (at 1G)
 - 2.2 Morning of NBL

ISS EVA MAINT 1	
Lesson Plan Owner(s)	<ul style="list-style-type: none">• James Montalvo• Daren Welsh
Alias	Maint 1
Lesson Code	No Lesson Code
Training Flow	ISS EVA Crew Task Flow Class #5
Water Time	6 hours

```
{{Approval Required
| Approvers = James Montalvo, Daren Welsh
}}
```




File Approvals

File Discussion Read Edit **View history** Search

File:ISS EVA Task Maint 1 Procedures (PFCS, ETVCG, CTC).doc

File File history File usage

ISS_EVA_Task_Maint_1_Procedures_(PFCS,_ETVCG,_CTC).doc (file size: 2.05 MB, MIME type: application/ms word)



Approved Re
This file can h
included in a p
revision. This f
• Daren Wel
• James Mo

For files, revisions are shown on the file page, not on the history page. The **file itself** is approved, not the **page about the file**.

File history

Click on a date/time to view the file as it appeared at that time.

		Date/Time	Dimensions	User	Comment	
delete all	current	★ Approved Revision 12:13, 24 September 2013	(2.05 MB)	Lwelsh (Talk contribs block)	Changed from CP7 to CP13 for ETVCG R&R	unapprove
delete	revert	11:41, 12 August 2013	(1.65 MB)	Swray (Talk contribs block)	Added alternate PFCS WIFEX and APFR settings for heads up pool ops	approve
delete	revert	18:22, 7 August 2013	(1.65 MB)	Swray (Talk contribs block)	Change "Bail" closed to "Gate" closed on ST checks	approve



Approved images display on pages



		Date/Time	Thumbnail	Dimensions	User	Comment	
delete	revert	23:45, 27 June 2014		800 × 529 (142 KB)	Jamesmontalvo3 (Talk contribs block)		approve
delete	revert	★ Approved Revision 23:45, 27 June 2014		800 × 529 (142 KB)	Jamesmontalvo3 (Talk contribs block)		unapprove

Preview

Remember that this is only a preview. Your changes have not yet been saved! → [Go to editing area](#)



Media links like [this one](#) link to the approved revision



`[[File:Astronaut Sign.jpg|300x300px]]`

Media links like `[[Media:Astronaut Sign.jpg|this one]]` link to the approved revision



Special:ApprovedFiles



Approved files

See also: [Approved pages](#)

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- [All files with an approved revision](#)
- [Files with invalid approvals](#)

Showing below up to **1** result starting with **#1**.

View (previous 20 | next 20) ([20](#) | [50](#) | [100](#) | [250](#) | [500](#))

1. [File:ISS EVA Task Maint 4 Procedure.docx](#) (*revision fv5fxvuq*, approved by [Ejmontal](#) on 28 July 2014 at 08:58)



Special:ApprovedPages



Approved pages

See also: [Approved files](#)

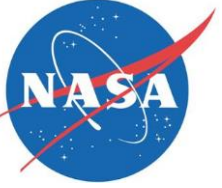
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- [Pages with invalid approvals](#)

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View ([previous 20](#) | [next 20](#)) ([20](#) | [50](#) | [100](#) | [250](#) | [500](#))

1. [EVA HDW-REV 71027 05 September 2013](#)
2. [EVA SKILLS 21027 17 June 2013](#)
3. [EVA Skills 1](#)



Future Development